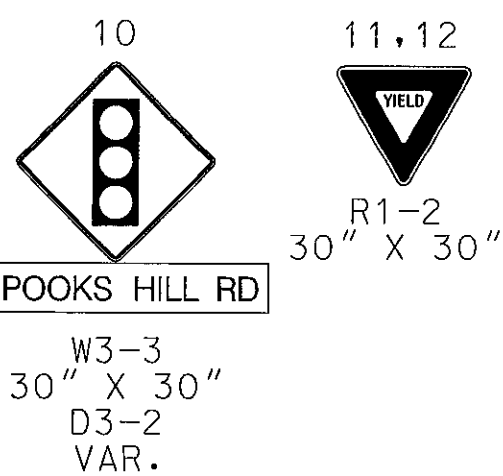
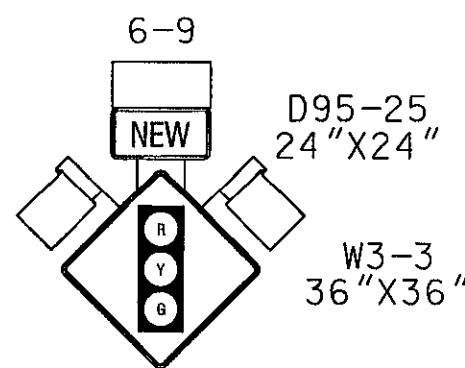


MD 355 is assumed to run in an North / South direction

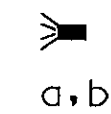
EXISTING SIGNS TO BE REMOVED



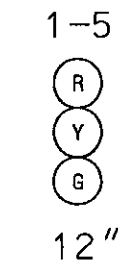
PROPOSED SIGNS



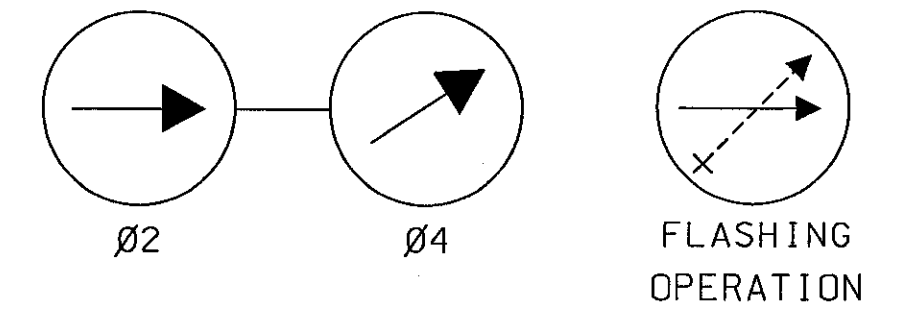
PROPOSED VIDEO DETECTION CAMERAS



PROPOSED SIGNALS



NEMA PHASING



PHASING NOTES:

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION WITH 27 FT. MAST ARM POLE WITH 50 FT. MAST ARM, SIGNALS, VIDEO DETECTION CAMERA, ELECTRICAL UTILITY SERVICE EQUIPMENT FOR UNDERGROUND POWER FEED (200 AMP METEER SOCKET). (NOTE: FOUNDATION REQUIRES 3-3" CONDUIT BENDS.)
- INSTALL CONCRETE FOUNDATION WITH 27 FT. MAST ARM POLE WITH 50 FT. MAST ARM, SIGNALS, VIDEO DETECTION CAMERA. (NOTE: FOUNDATION REQUIRES 1-3" CONDUIT BEND.)
- INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 24" HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
- VIDEO DETECTION ZONE.
- INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - BORED
- FURNISH AND INSTALL MICROLOOP PROBE SET WITH 500' LEAD-IN
- INSTALL 1" LIQUID-TIGHT FLEXIBLE NON-METALLIC CONDUIT (DETECTOR SLEEVE)
- INSTALL 4" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
- INSTALL D95-25 WITH W3-3 SIGNS ON TWO 4 IN. X 4 IN. WOOD SIGN SUPPORT 600 FT. PRIOR TO PROPOSED STOPLINE
- INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT - BORED AND 1-3" CONDUIT BEND FOR PEPCO ELECTRICAL POLE AND SERVICE
- REMOVE EXISTING GROUND MOUNTED SIGN
- STUB CONDUIT AT POLE BASE AND LEAVE 30 FT. OF SLACK CABLE FOR PEPCO TO MAKE FINAL CONNECTION
- INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH STAINLESS STEEL DISCONNECT SWITCH FOR UNDERGROUND POWER FEED (NOTE: INSTALL 2-4 IN. AND 1-2 IN. CONDUIT BENDS)
- 4" SCHEDULE 80 RIGID PVC CONDUIT - (SEE I/C PLAN FOR DETAILS SHEET 2 OF 3)
- INSTALL ELECTRICAL HANDHOLE IN EXACT LOCATION AS SHOWN DUE TO FUTURE GEOMETRIC RECONSTRUCTION
- INSTALL 2" SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED (PROPOSED ELECTRIC SERVICE)

GENERAL NOTES

- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- PROPOSED GEOMETRICS ARE TO BE PERFORMED BY OTHERS AT A LATER DATE.
- CONTACT MCDPW&T TMC AT 240-777-2100 (72) SEVENTY-TWO HOURS PRIOR TO INTENDED WORK FOR THE MARKING OF UNDERGROUND SIGNAL EQUIPMENT.
- THE CONTRACTOR SHALL RUN THE INTERCONNECT CABLE AND SIGNAL CABLE INTO THE BASE OF EACH CABINET AND PROPERLY TAG EACH CABLE. CONTACT DR. WILHELM DERMINASSIAN AT 240-777-8760 AT LEAST (72) SEVENTY-TWO HOURS IN ADVANCE OF INTENDED WORK.

PEPCO POLE NUMBER 7714302357

POOKS HILL ROAD

PEPCO POLE NUMBER 771430-0968

GEOMETRIC LEGEND

--- EXISTING ROADWAY
--- FUTURE WIDENING

UTILITY LEGEND

G—G— GAS MAIN
W—W— WATER MAIN
S—S— SEWER MAIN
E—E— ELECTRIC CABLES
A—A— AERIAL CABLES
T—T— TELEPHONE CABLES
FO—FO— PROPOSED FIBER
SD—SD— STORM DRAIN PIPE
CAT—CAT— CABLE TV

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CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MC 355 (ROCKVILLE PIKE) @ I-495 INNER LOOP OFF RAMP
TRAFFIC SIGNAL PLAN
BETHESDA, MARYLAND

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|-------------------|-----------------------------|-----------------------|------------------|
| DRAWN BY: MRB | F.A.P. NO. AC-STPG-00A(59)E | TS NO. TS-4392 | SHEET NO. 1 OF 3 |
| CHECKED BY: EBY | S.H.A. NO. AT7185185 | T.L.M.S. NO. 6357 | |
| SCALE: 1"=20' | COUNTY: MONTGOMERY | LOG MILE: 15035503.99 | |
| DATE: MARCH, 2005 | | | |